10/521721

DITEREC'S PCT/PTC 1.9 JAN 2005

WO' 2004/009846

1/14

PCT/EP2003/008476

SEQUENCE LISTING

<110> I.N.S.E.R.M.

UNIVERSITE DE ROUEN

 $<\!\!120\!\!>$ Quantitative multiplex amplification on a genomic scale, and applications for detecting genomic rearrangements

<130> FP-BCT030086

<150> FR 02 09247

<151> 2002-07-19

<160> 48

<170> PatentIn version 3.1

<210> 1

<211> 10

<212> DNA

<213> artificial sequence

<220>

<223> non-hybridizing primer tag

<400> 1 cgttagatag

-5----5

<210> 2

<211> 10

<212> DNA

<213> artificial sequence

<220>

<223> non-hybridizing primer tag

<400> 2 gatagggtta

10

10

WO 2004/009846 PCT/EP2003/008476

20

20

20

<210> 3 <211> 20 <212> DNA <213> artificial sequence <220> <223> hybridization segment <400> 3 actccatctc cttgtgctct <210> 4 <211> 20 <212> DNA <213> artificial sequence <220> <223> hybridization segment <400> 4 cgctattcaa caagctcatg <210> 5 <211> 20 <212> DNA <213> artificial sequence <220> <223> hybridization segment <400> 5 ggtaaaacac attcctttgg

<210> 6 <211> 20

<212> DNA

<213> artificial sequence

<220>

<223> hybridization segment

WO 2004/009846 PCT/EP2003/008476

		3/14	
<400> atatg	6 tgagc ttccattggt	20	0
<210>	7		
<211>	20		
<212>	DNA		
<213>	artificial sequence		
<220>			
<223>	hybridization segment		
<400> atgtt	7 taaca accgccagca	20	D
<210>	8		
<211>	22		
<212>	DNA		
<213>	artificial sequence		
<220>			
<223>	hybridization segment		
<400>	8 ctttc agatgatgca ga	22	2
			_
<210>			
<211>			
<212>			
<213>	artificial sequence		
<220>			
<223>	hybridization segment		
<400> gacat	9 ggtgc tgtgtgtgag c	23	1
<210>	10		
<211>	21		

<212> DNA

<213> artificial sequence

WO 2004/009846 PCT/EP2003/008476

<220>		
<223>	hybridization segment	
<400> tccgcct	10 ttta gaagtccaag t	21
<210>	11	
<211>	20	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400> tgaagc	11 tgtg tggctgaaac	20
<210>	12	
<211>	20	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400>	12 gggt gtctcaaaga	20
tageca	aggr greenman	
<210>	13	
<211>	20	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400> taccaç	13 gtcat cgggcagaac	20
<210>	14	
<211>	21	
<212>	DNA	

WO 2004/009846 PCT/EP2003/008476 5/14

<213>	artificial sequence	
<220>		
	hybridization segment	
<400>	14	
aatgtca	agag gcaggacaca g	21
<210>	15	
<211>	30	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
<400> cgttaga	15 atag actccatctc cttgtgctct	30
<210>	16	
<211>	30	
<212>	DNA	
<213>	artificial sequence	
<220>		
	composite primer	
<400> gatagg	16 gtta cgctattcaa caagctcatg	30
<210>	17	
<211>	30	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
<400> cgttag	17 atag ggtaaaacac attcctttgg	30

<210> 18

WO 2004/009846 PCT/EP2003/008476 6/14

<211> 30 <212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 18

gatagggtta atatgtgagc ttccattggt

30

32

<210> 19

<211> 30

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 19

cgttagatag atgtttaaca accgccagca 30

<210> 20

<211> 32

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 20

gatagggtta tcttcctttc agatgatgca ga

<210> 21

<211> 31

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 21

***	2004/00/040	7/14	1 C 1/E1 2005/0004
cgttag	atag gacatggtgc tgtgtgtgag c		31
<210>	22		
<211>	31		
<212>	DNA		
<213>	artificial sequence		
<220>			
<223>	composite primer		
<400> gatagg	22 gtta tccgccttta gaagtccaag t		31
<210>	23		
<211>	30		
<212>	DNA		
<213>	artificial sequence		
<220>			
	composite primer		
<400> cgttag	23 atag tgaagctgtg tggctgaaac		30
<210>	24		
<211>	30		
<212>	DNA		
<213>	artificial sequence		
<220>	•		
	composite primer		
<400>			
gatagg	gtta tagccagggt gtctcaaaga		30
<210>	25		
<211>	30		
<212>	DNA		
<213>	artificial sequence		
~22N\			

PCT/EP2003/008476

WO 2004/009846

PCT/EP2003/008476

8/14

<223>	composite primer	
<400> cgttag:	25 atag taccagtcat cgggcagaac	30
<210>	26	
<211>	31	
<212>	DNA	
<213>	artificial sequence	
<220>		
	composite primer	
<400> gatagg	26 gtta aatgtcagag gcaggacaca g	31
<210>	27	
<211>	17 .	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
	27 tgcg atggggt	17
<210>	28	
<211>	19	
<212>	DNA .	
<213>	artificial sequence	
<220>		
	hybridization segment	
<400> ggcacgi	28 gcgg gacaagtag	19
<210>	29	
<211>	19	
<212>	DNA	
<213>	artificial sequence	

PCT/EP2003/008476 9/14

<220>		
<223>	hybridization segment	
<400> agtcgtg	29 gctg tcctgaacg	19
<210>	30	
<211>	22	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400> tcttct	30 tcct tcttttcttc aa	22
<210>	31	
<211>	23	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
	31 tcct actcttctcc tgg	23
<210>	32	
<211>	20	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400> agcctc	32 cctc aaataggtct	20
<210>	33	
<21 1 >	18	

WO 2004/009846		PCT/EP2003/008476
	10/14	

<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400>	33 tagg aggtccct	18
-9999		
<210>	34	
<211>	24	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	hybridization segment	
<400>	34 cttt atgagactat ccta	24
<210>	35	
<211>	19	
<212>	DNA	
<213>	artificial sequence	
<220>		
	hybridization segment	
<400> agaggc	35 aggg aatgaagaa	19
<210>	36	
<211>		
<212>		
<213>	artificial sequence	
<220>		
	hybridization segment	
<400>	36 cctt gatattcaca	20

11/14

27

29

29

<210> 37

<211> 27

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 37

cgttagatag ccctggtgcg atggggt

<210> 38

<211> 29

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

gatagggtta ggcacggcgg gacaagtag

<210> 39

<211> 29

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

<400> 39

cgttagatag agtcgtgctg tcctgaacg

<210> 40

<211> 32

<212> DNA

<213> artificial sequence

<220>

<223> composite primer

PCT/EP2003/008476

12/14

<400> gatagg	gtta tettetteet tetttette aa	32
<210>	41	
<211>	33	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
<400>	41 atag gcatcctcct actcttctcc tgg	33
cyctay	atay geateeteet acteeteete tyy	
<210>	42	
<211>	30	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
	42 gtta agcctccctc aaataggtct	30
<210>	43	
<211>	28	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
<400> cgttag	43 patag tggggctagg aggtccct	28
<210>	44	
<211>	34	
<212>	DNA	
<213>	artificial sequence	

WO	200	4/0	ROL	46

PCT/EP2003/008476

13/14

<220>		
<223>	composite primer	
<400> gatagg	44 gtta cctccccttt atgagactat ccta	34
<210>	45	
<211>	29	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
	45 atag agaggcaggg aatgaagaa	29
<210>	46	
<211>	30	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	composite primer	
<400> gatagg	46 gtta gggtcacctt gatattcaca	30
<210>	47	
<211>	10	
<212>	DNA	
<213>	artificial sequence	
<220>		
<223>	non-hybridizing primer tag	
<400> ctatct	47 aacg	10
<210>	48	
<211>	10	
<212>	DNA	

14/14

<213> artificial sequence

<220>

<223> non-hybridizing primer tag

<400> 48 taaccctatc

10

PCT/EP2003/008476